## **5.0 References Cited**

- Abate, P. D., T. Welker, and P.B. Holden. 2002. Razorback sucker studies on Lake Mead, Nevada and Arizona 2001 - 2002 annual report PR 578-6. Department of Resources; Southern Nevada Water Authority, Las Vegas, NV.
- Ackerman, M.W. 2008. 2006 Native fish monitoring activities in the Colorado River, Grand Canyon. Cooperative Agreement (04WRAG0030) Annual Report to U.S. Geological Survey, Grand Canyon Monitoring and Research Center, Flagstaff, Arizona. SWCA Environmental Consultants, Flagstaff, Arizona.
- Ackerman, M.W., D. Ward, T. Hunt, R.S. Rogers, D.R. VanHaverbeke, A. Morgan, and C. Cannon. 2006. 2006 Grand Canyon long-term fish monitoring in the Colorado River, Diamond Creek to Lake Mead. Annual report to the U.S. Geological Survey, Grand Canyon Monitoring and Research Center, Flagstaff, Arizona.
- Albrecht, B., and P. B. Holden. 2006. Razorback Sucker studies on Lake Mead, Nevada and Arizona. 2005-2006 Annual Report. Prepared for the Department of Resources, Southern Nevada Water Authority. Prepared by Bio-West, Inc. Logan, Utah. PR-977-1.
- Andersen, M.E. 2009. Status and trends of the Grand Canyon population of humpback chub. U.S. Geological Survey Fact Sheet 2009-3035, April 2009.
- Andersen, M.E., M.W. Ackerman, K.D. Hilwig, A.E. Fuller, and P.D. Alley. 2010. Evidence of young humpback chub overwintering in the mainstem Colorado River, Marble Canyon Arizona, USA. The Open Fish Science Journal 3:42-50.
- Arizona Game and Fish Department. 1996. The ecology of Grand Canyon backwaters. Cooperative Agreement Report (9-FC-40-07940) to Glen Canyon Environmental Studies, Flagstaff, Arizona. 165 p.
- Beamesderfer, Raymond C. P. 2000. Managing Fish Predators and Competitors: Deciding when intervention is effective and appropriate. Fisheries 25(6): 18-23.
- Behn, K.E., T.A. Kennedy, and R.O. Hall, Jr. 2010. Basal resources in backwaters of the Colorado River below Glen Canyon Dam—effects of discharge regimes and comparison with mainstem depositional environments: U.S. Geological Survey Open-File Report 2010-1075, 25 p. [http://pubs.usgs.gov/of/2010/1075/].
- Berry, C.R., and R. Pimentel. 1985. Swimming performances of three rare Colorado River fishes. Transactions of the American Fisheries Society 114:397-402.

- Bestgen, K. R. 1990. Status review of the razorback sucker, *Xyrauchen texanus*. Final Report of Colorado State University Larval Fish Laboratory to Bureau of Reclamation, Salt Lake City, Utah.
- Bulkley, R., and R. Pimentel. 1983. Temperature Preference and Avoidance by Adult Razorback Suckers. Transactions of the American Fisheries Society, 112 (5): 601-607.
- Bureau of Reclamation. 1982. Finding of no significant impact for Glen Canyon Powerplant uprating. UC-FONSI 83-1. U.S. Department of the Interior, Bureau of Reclamation, Upper Colorado Region, Salt Lake City, Utah, 52 pp. and attachments.
- Bureau of Reclamation. 1995. Operation of Glen Canyon Dam, Final Environmental Impact Statement. Upper Colorado Region, Salt Lake City, Utah.
- Bureau of Reclamation. 1996. Glen Canyon Dam Beach/Habitat-Building Test Flow, Final Environmental Assessment, and Finding of no Significant Impact. U.S. Department of the Interior, Bureau of Reclamation, Upper Colorado Region, Salt Lake City, Utah. 98 p.
- Bureau of Reclamation. 2007. Colorado River interim guidelines for lower basin shortages and coordinated operations for Lake Powell and Lake Mead, Final Environmental Impact Statement. U.S. Department of the Interior, Bureau of Reclamation, Upper and Lower Colorado River Regions. Four volumes.
- Bureau of Reclamation. 2008. Final Environmental Assessment Experimental Releases from Glen Canyon Dam, Arizona, 2008 through 2012 and Finding of No Significant Impact. U.S. Department of the Interior, Bureau of Reclamation, Upper Colorado River Region, Salt Lake City, Utah. 74 p.
- Bureau of Reclamation. 2010. Biological Assessment of a Proposed Action to Cancel Nonnative Fish Mechanical Removal in the Colorado River, Grand Canyon, Scheduled for May-June 2010. Department of the Interior, Bureau of Reclamation, Upper Colorado Region. 36 pp.
- Bureau of Reclamation. 2011. Draft Environmental Assessment, Development and Implementation of a Protocol for High-Flow Experimental Releases from Glen Canyon Dam, Arizona, 2011 through 2020. U.S. Department of the Interior, Bureau of Reclamation, Upper Colorado River Region, Salt Lake City, Utah. 167 p.
- Cambray, J.A. 2003. Impacts on indigenous biodiversity by the globalization of alien recreational freshwater fisheries. Hydrobiologia 500:217-230.
- Clarkson, R. W. and M. R. Childs. 2000. Temperature effects of hypolimnial-release dams on early life stages of Colorado River basin big-river fishes. Copeia 2000(2):402-412.

- Clarkson, R.W., Marsh, P.C., Stefferud, S.E. and J.A. Stefferud. 2005. Conflicts between native fish and non-native sport fish management in the southwestern United States. Fisheries 30: 20-27.
- Coggins, L. G. 2008a. Active management for native fish conservation in the Grand Canyon: implementation and evaluation. Gainesville, University of Florida, Ph.D. dissertation.
- Coggins, L.G. 2008b. Abundance trends and status of the Little Colorado River population of humpback chub: an update considering 1989-2006 data. United States Geological Survey open file report 2007-1402.
- Coggins, L. G., W. E. Pine III, C. J. Walters, and S. J. D. Martell. 2006. Age-Structured Mark-Recapture Analysis: A Virtual-Population-Analysis-Based Model for Analyzing Age-Structured Capture-Recapture Data. North American Journal of Fisheries Management 26:201-205.
- Coggins, L. G. Jr., and C. Walters. 2009. Abundance trends and status of the Little Colorado River population of humpback chub-an update considering data from 1989-2008: U.S. Geological Survey Open-File Report 2009-1075. 18p.
- Coggins L.G., and M.D. Yard. 2010. Mechanical removal of non-native fish in the Colorado River within Grand Canyon. Pages 227-234 *in* Melis TS, Hamill JF, Coggins LG, Bennett GE, Grams PE, Kennedy TA, Kubly DM, Ralston BE, eds. Proceedings of the Colorado River Basin Science and Resource Management Symposium, November 18-20, 2008, Scottsdale, Arizona. U.S. Geological Survey Scientific Investigations Report 2010-5135.
- Coggins, L.G. Jr., M.D. Yard, and W.E. Pine III. 2011. Nonnative fish control in the Colorado River in Grand Canyon, Arizona: an effective program or serendipitous timing? Transactions of the American Fisheries Society 140:456–470.
- Converse, Y.K., C.P. Hawkins, and R.A. Valdez. 1998. Habitat Relationships of Subadult Humpback Chub in the Colorado River through Grand Canyon: Spatial Variability and Implications of Flow Regulation. Regulated Rivers 14(3):267-284.
- Council on Environmental Quality. 1997. Environmental justice: guidance under the National Environmental Policy Act. Executive Office of the President, Washington DC.
- Douglas, A.J. and D.A. Harpman. 1995. Estimating recreation employment effects with IMPLAN for the Glen Canyon Dam region. Journal of Environmental Management 44:233-247.
- Dudley, R.K., and W.J. Matter. 2000. Effects of small green sunfish (*Lepomis cyanellus*) on recruitment of Gila chub (*Gila intermedia*) in Sabino Creek, Arizona. Southwestern Naturalist 45: 24-29.

- Elliot, J.M., and P.E. Greeson. 1987. Techniques of water-resources investigations of the United States Geological Survey. Chapter A4: Methods for collection and analysis of qautic biological and microbiological samples. U.S. Department of the Interior. Washington, D.C.
- Fowles, C.R. 1975. Effects of electric fishing on the invertebrate fauna of a New Zealand stream. New Zealand Journal of Marine and Freshwater Research 9:35-43.
- Friesen, Thomas A. and D.L. Ward. 1999. Management of northern pikeminnow and implications for juvenile salmonid survival in the Lower Columbia and Snake Rivers. North American Journal of Fisheries Management. 19: 406-420.
- Gloss, S.P., J.E. Lovich, T.S. Melis, eds. 2005. The state of the Colorado River ecosystem in Grand Canyon: U.S. Geological Survey Circular 1282. 220 p.
- Gorman, O. T. 1994. Habitat use by humpback chub, *Gila cypha*, in the Little Colorado River and other tributaries of the Colorado River. Glen Canyon Environmental Studies Phase II Final Report of U.S. Fish and Wildlife Service to Bureau of Reclamation, Flagstaff, Arizona.
- Hjerpe and Kim. 2003. February. Regional Economic Impacts of Grand Canyon River Runners. Northern Arizona University, School of Forestry, Flagstaff, Arizona 86011.
- Hoffnagle, T. L., A. Choudhury, and R. A. Cole. 2006. Parasitism and body condition in humpback chub from the Colorado and Little Colorado rivers, Grand Canyon, Arizona Journal of Aquatic Animal Health 18:184-193.
- Johnstone, H.C., and M. Lauretta. 2007. Native Fish Monitoring Activities in the Colorado River within Grand Canyon during 2004. SWCA, Inc., Final Report to U.S. Geological Survey, Grand Canyon Monitoring and Research Center, Flagstaff, Arizona.
- King, Dennis M. and Marisa Mazzotta. 2007. Ecosystem Valuation. Undated. An online resource funded by several federal government agencies and maintained by the University of Maryland. <u>http://www.ecosystemvaluation.org</u>. Accessed on October 17, 2007.
- Korman, J., S. M. Wiele, and M. Torizzo. 2004. Modeling Effects of Discharge on Habitat Quality and Dispersal of Juvenile Humpback Chub (*Gila cypha*) in the Colorado River, Grand Canyon. Regulated Rivers 20:379-400.
- Korman, J., M. Kaplinski, J. E. Hazel III, and T. S. Melis. 2005. Effects of the Experimental Fluctuating Flows from Glen Canyon Dam in 2003 and 2004 on the Early Life History Stages of Rainbow Trout in the Colorado River. Final Report to Grand Canyon Monitoring and Research Center, Flagstaff, AZ.

- Korman, J., M. Kaplinski and J. Buszowski. 2006. Effects of Air and Mainstem Water Temperatures, Hydraulic Isolation, and Fluctuating Flows From Glen Canyon Dam on Water Temperatures in Shoreline Environments of the Colorado River in Grand Canyon. Final Report to Grand Canyon Monitoring and Research Center, Flagstaff, AZ.
- Korman, J., M. Kaplinski, and T.S. Melis. 2010. Effects of high-flow experiments from Glen Canyon Dam on abundance, growth, and survival rates of early life stages of rainbow trout in the Lees Ferry reach of the Colorado River: U.S. Geological Survey Open-File Report 2010–1034. 31 p.
- Korman, J., M. Kaplinski, and T.S. Melis. 2011. Effects of fluctuating flows and a controlled flood on incubation success and early survival rates and growth of age-0 rainbow trout in a large regulated river. Transactions of the American Fisheries Society 140:487-505.
- Lauretta, M.V. and K.M. Serrato. 2006. Native fish monitoring activities in the Colorado River within Grand Canyon during 2005. Report. US Geological Survey, Grand Canyon Monitoring and Research Center, Flagstaff, Arizona.
- Leibfried, W., Johnstone, H., and Cross, J. 2003 Trout Removal in Bright Angel Creek, Grand Canyon National Park: A potential recovery effort for native fishes. Grand Canyon National Park: Proceedings from symposium.
- Liebfried, B., K. Hilwig, K. Serrato, and M. Lauretta. 2006. Restoring native fish habitat in selected tributaries of Grand Canyon National Park. Report to National Park Service from SWCA, Inc., Flagstaff, Arizona.
- Maddux, H. R, D. M. Kubly, J. C. deVos, W. R. Persons, R. Staedicke, and R. L. Wright. 1987. Evaluation of varied flow regimes on aquatic resources of Glen and Grand Canyon. Final Report of Arizona Game and Fish Department to Bureau of Reclamation, Glen Canyon Environmental Studies, Salt Lake City, Utah.
- Makinster, A.S., C. Nelson, W.R. Persons, and L. Coggins. 2009a. Summary of 2009 mechanical removal project. Arizona Game and Fish Department, Research Branch and U.S. Geological Survey Grand Canyon Monitoring and Research Center. Presentation to the Adaptive Management Work Group, August 13, 2009. Available at <u>http://www.usbr.gov/uc/rm/amp/amwg/mtgs/09aug12/Attach\_05c.pdf</u>
- Makinster, A.S., M.A. Hangsleben, R.S. Rogers, W.R. Persons. 2009b. Status of the Lees Ferry rainbow trout fishery with additional input regarding potential impacts of the 2008 High Flow Experiment. Report from the Arizona Game and Fish Department to the Grand Canyon Monitoring and Research Center, Cooperative Agreement No. 05WRAG0050 – Mod 5.

- Makinster, A.S., W.R. Persons, L.A. Avery, and A.J. Bunch. 2010. Colorado River fish monitoring in Grand Canyon, Arizona—2000 to 2009 summary: U.S. Geological Survey Open-File Report 2010–1246. 26 p.
- Marsh, P. C., and M.E. Douglas. 1997. Predation by introduced fishes on endangered humpback chub and other native species in the Little Colorado River, Arizona. Transactions of the American Fisheries Society 126:343–346.
- McIvor, C.C., and M.L. Thieme. 1999. Flannelmouth suckers: movement in the Glen Canyon reach and spawning in the Paria River. In The controlled flood in Grand Canyon, ed. R.H. Webb, J.C. Schmidt, G.R. Marzolf, and R.A. Valdez, 289-296. American Geophysical Union Monograph No. 110. Washington DC.
- McKinney, T., R.S. Rogers, A.D. Ayers, and W.R. Persons. 1999. Lotic community responses in the Lees Ferry reach. In The controlled flood in Grand Canyon, ed. R.H. Webb, J.C. Schmidt, G.R. Marzolf, and R.A. Valdez, 249-258. American Geophysical Union Monograph No. 110. Washington DC.
- McKinney, T., D.W. Speas, R.S. Rogers, and W.R. Persons. 2001. Rainbow trout in a regulated river below Glen Canyon Dam, Arizona, following increased minimum flows and reduced discharge variability. North American Journal of Fisheries Management 21: 216-222.
- Melis, T.S., S.A. Wright, B.E. Ralston, H.C. Fairley, T.A. Kennedy, M.E. Andersen, and L.G. Coggins, Jr.. 2006. 2005 Knowledge assessment of the effects of Glen Canyon Dam on the Colorado River Ecosystem: An Experimental Planning Support Document. A report of the USGS Grand Canyon Monitoring and Research Center, Flagstaff, Arizona.
- Mesick, C.F., and J.C. Tash. 1980. Effects of electricity on some benthic stream insects. Transactions of the American Fisheries Society 109: 417-422.
- Minckley, W. L. 1991. Native fishes of the Grand Canyon region: an obituary? Pages 124– 177 *in* National Research Council Committee (eds.). Colorado River ecology and dam management. Proceedings of a symposium, May 24–25, 1990, Santa Fe, New Mexico, National Academy Press, Washington, D.C.
- Minckley, W. L., P.C. Marsh, J.E. Brooks, J.E. Johnson, and B.L. Jensen. 1991. Management toward recovery of the razorback sucker. Chapter 17, pages 303-358 in W. L. Minckley and J.E. Deacon, editors. Battle Against Extinction: Native Fish Management in the American West. University of Arizona Press, Tucson.
- Minnesota IMPLAN Group, Inc. 2008. IMPLAN System (data and software), 502 2nd Street, Suite 301, Hudson, WI 54016.

- Mueller, G. 1995. A program for maintaining razorback sucker in Lake Mohave. American Fisheries Society Symposium 15: 127-135.
- Mueller, G.A. 2005. Predatory Fish Removal and Native Fish Recovery in the Colorado River Mainstem: What Have We Learned? Fisheries 30(9): 10-19.
- Mueller, G., T. Burke, and M. Horn. 1993. A program to maintain the endangered razorback sucker in a highly modified riverine habitat. Pages 77-85 in W. O. Deason and S. S. Anderson, editors. Environmental Enhancement of Water Projects, U. S. Committee on Irrigation and Drainage, Denver, CO.
- National Academy of Sciences, Committee to Review the Glen Canyon Environmental Studies. 1987. River and Dam Management: A Review of the Bureau of Reclamation's Glen Canyon Environmental Studies. Washington, D.C., National Academy Press.
- National Park Service. 1979. General Management Plan, Glen Canyon National Recreation Area. Department of the Interior, National Park Service.
- National Park Service. 1995. General Management Plan, Grand Canyon National Park, Arizona. Department of the Interior, National Park Service, Denver Service Center. 90 p.
- National Park Service. 1997. Grand Canyon National Park Resource Management Plan. Department of the Interior, National Park Service, Grand Canyon National Park. 43 p.
- National Park Service. 2005. Draft Environmental Assessment/Assessment of Effect September 2005 Bright Angel Creek Trout Reduction Project. Department of the Interior, National Park Service, Grand Canyon National Park.
- National Park Service. 2006a. National Park Service Management Policies. Department of the Interior, National Park Service.
- National Park Service. 2006b. Finding of No Significant Impact, Bright Angel Creek Trout Reduction Project. Department of the Interior, National Park Service, Grand Canyon National Park.
- National Park Service. 2006c. Grand Canyon Colorado River Management Plan. Department of the Interior, National Park Service, Grand Canyon National Park, Office of Planning and Compliance.
- National Park Service. 2010. Grand Canyon National Park Fisheries Management Plan. Department of the Interior, National Park Service, Grand Canyon National Park.
- Pacey, C.A., and P.C. Marsh. 1998. Resources used by native and non-native fishes of the lower Colorado River: Literature review, summary, and assessment of relative roles

of biotic and abiotic factors in management of imperiled indigenous ichthyofauna. Submitted to BOR, Boulder City, NV, Agreement Number 7-MT-30-R0012 by Arizona State University, Tempe.

- Ralston, B.E. 2010. Riparian vegetation response to the March 2008 short-duration, highflow experiment—implications of timing and frequency of flood disturbance on nonnative plant establishment along the Colorado River below Glen Canyon Dam: U.S. Geological Survey Open-File Report 2010–1022, 30 p. [http://pubs.usgs.gov/of/2010/1022/].
- Randle, T.J., J.K. Lyons, R.J. Christensen. 2006. Colorado River Ecosystem Sediment Augmentation Appraisal Engineering Report. Department of the Interior, Bureau of Reclamation.
- Robinson, A. T. and M. R. Childs. 2001. Juvenile growth of native fishes in the Little Colorado River and in a thermally modified portion of the Colorado River. North American Journal of Fisheries Management 21:809-815.
- Robinson, A.T., R.W. Clarkson, and R.E. Forrest. 1998. Dispersal of larval fishes in a regulated river tributary. Transactions of the American Fisheries Society 127:722– 786.
- Rosi-Marshall, E.J., T.A. Kennedy, D.W. Kincaid, W.F. Cross, H.A.W. Kelly, K.A. Behn, T. White, R.O. Hall, Jr., and C.V. Baxter. 2010. Short-term effects of the 2008 highflow experiment on macroinvertebrates in the Colorado River below Glen Canyon Dam, Arizona: U.S. Geological Survey Open-File Report 2010-1031, 28 p.
- Rubin, D.M., D.J. Topping, J.C. Schmidt, J.E. Hazel, M. Kaplinski, and T.S. Melis. 2002. Recent sediment studies refute Glen Canyon Dam hypothesis. Eos Transactions 83(25): 273–278.
- Runge, M.C., Bean, Ellen, Smith, D.R., and Kokos, Sonja. 2011. Non-native fish control below Glen Canyon Dam—Report from a structured decision-making project: U.S. Geological Survey Open-File Report 2011–1012, 74 p., at http://pubs.usgs.gov/of/2011/1012/.
- Shentyakova, L.F., et al. 1970. Effect of an alternating electric current on fishes and aquatic invertebrates. Journal of Ichthyology 10(3):363-372.
- Snyder, D.E. 2003. Electrofishing and its harmful effects on fish. Final report. Information and Technology Report USGS/BRD/ITR–2003-0002. Bureau of Reclamation, upper Colorado Regional Office, Salt Lake City, Utah.
- Thieme, M. 1998. Movement and recruitment of flannelmouth sucker in the Paria and Colorado Rivers, Arizona. Master's Thesis. Department of Biology, University of Arizona, Tucson, Arizona.

- Trammell, M., R. Valdez, S. Carothers, and R. Ryel. 2002. Effects of a low steady summer flow experiment on native fishes of the Colorado River in Grand Canyon, Arizona. Final Report for Contract #99-FC-40-2260 to U.S. Geological Survey, Grand Canyon Monitoring and Research Center, Flagstaff, Arizona. SWCA Environmental Consultants, Flagstaff, Arizona.
- Tyus, H. M., and J. E. Saunders, III. 2000. Non-native fish control and endangered fish recovery: Lessons from the Colorado River. Fisheries 25(9):17-24.
- SWCA. 2002. Nonnative fish control feasibility study to benefit June Sucker in Utah Lake. Final Report to the June Sucker Recovery Implementation Program and Utah Department of Natural Resources. SWCA Project Number 4989-014. SWCA, Inc., Environmental Consultants, Salt Lake City, Utah. (Primary authors were Valdez, R., M.Trammell, M. Petersen, C. Ellsworth, and J. Monks.)
- Snyder, D.E., 2003, Electrofishing and its harmful effects on fish, Information and Technology Report USGS/BRD/ITR--2003-0002: U.S. Government Printing Office, Denver, CO, 149 p.
- U.S. Department of the Interior. 1988. Glen Canyon Environmental Studies: Executive Review Committee Final Report. 130 pp.
- U.S. Department of the Interior. 1996. Operation of Glen Canyon Dam, Record of Decision. Upper Colorado Region, Salt Lake City, Utah.
- U.S. Department of the Interior. 2002. Proposed Experimental Releases from Glen Canyon Dam and Removal of Non-Native Fish Environmental Assessment and Finding of No Significant Impact. Bureau Of Reclamation, Upper Colorado Region, National Park Service, Grand Canyon National Park And Glen Canyon National Recreation Area, and U.S. Geological Survey, Grand Canyon Monitoring And Research Center. 157 p.
- U.S. Department of the Interior. 2004. Draft Supplemental Environmental Assessment, Proposed Experimental Actions for Water Years 2005-2006 Colorado River, Arizona, in Glen Canyon National Recreation Area and Grand Canyon National Park, and Finding of No Significant Impact. Bureau Of Reclamation, Upper Colorado Region, National Park Service, Grand Canyon National Park And Glen Canyon National Recreation Area, and U.S. Geological Survey, Grand Canyon Monitoring And Research Center. 35 p.
- U.S. Department of the Interior. 2007. Colorado River interim guidelines for lower basin shortages and coordinated operations for Lake Powell and Lake Mead, Record of Decision. Bureau of Reclamation, Upper and Lower Colorado River Regions.
- U.S. Fish and Wildlife Service. 1990. Humpback Chub Recovery Plan. Mountain-Prairie Region, Denver, CO. 43 pp.

- U.S. Fish and Wildlife Service. 1994. Final rule, determination of critical habitat for the Colorado River endangered fishes: razorback sucker, Colorado squawfish, humpback chub, and bonytail chub. Federal Register 59:13374-13400.
- U.S. Fish and Wildlife Service. 1995. Final Biological Opinion on the Operation of Glen Canyon Dam (2-21-93-F-167). U.S. Fish and Wildlife Service, Albuquerque, New Mexico, January 7, 1995. 56 p.
- U.S. Fish and Wildlife Service. 1998. Razorback sucker recovery plan. U.S. Fish and Wildlife Service, Mountain-Prairie Region (6), Denver, Colorado.
- U.S. Fish and Wildlife Service. 2002a. Humpback chub recovery goals: amendment and supplement to the humpback chub recovery plan. U.S. Fish and Wildlife Service, Mountain-Prairie Region (6), Denver, Colorado.
- U.S. Fish and Wildlife Service. 2002b. Razorback sucker recovery goals: amendment and supplement to the razorback sucker recovery plan. USFWS, Mountain-Prairie Region (6) Denver, Colorado.
- U.S. Fish and Wildlife Service. 2007. Final biological opinion for the proposed adoption of Colorado River interim guidelines for lower basin shortages and coordinated operations for Lake Powell and Lake Mead. Consultation number 22410-2006-F-0224. U.S. Fish and Wildlife Service, Phoenix, Arizona.
- U.S. Fish and Wildlife Service. 2008. Final Biological Opinion for the Operation of Glen Canyon Dam. U.S. Fish and Wildlife Service, Phoenix, Arizona.
- U.S. Fish and Wildlife Service 2009. Supplement to the 2008 Final Biological Opinion for the Operation of Glen Canyon Dam. U.S. Fish and Wildlife Service, Phoenix, Arizona.
- U.S. Fish and Wildlife Service. 2010a. Reissuance of the Incidental Take Statement on the 2009 Supplemental Biological Opinion on the Operation of Glen Canyon Dam 2008-2012. U.S. Fish and Wildlife Service, Phoenix, Arizona.
- U.S. Fish and Wildlife Service. 2010b. Reinitiation of the 2009 Biological Opinion on the Continued Operations of Glen Canyon Dam without Mechanical Removal of Nonnative Fish in 2010 from the Colorado River, Grand Canyon, Arizona. U.S. Fish and Wildlife Service, Phoenix, Arizona.
- U.S. Fish and Wildlife Service. 2011. Final Biological Opinion on the Operation of Glen Canyon Dam including High Flow Experiments and Non-Native Fish Control. U.S. Fish and Wildlife Service, Phoenix, Arizona.

- U.S. Geological Survey. 2007. Grand Canyon humpback chub population improving. Fact Sheet 2007-3113. U.S. Geological Survey, Flagstaff, Arizona.
- U.S. Geological Survey. 2008. U.S. Geological Survey, Grand Canyon Monitoring and Research Center, workshop on scientific aspects of a long-term experimental plan for Glen Canyon Dam, April 10–11, 2007, Flagstaff, Arizona. U.S. Geological Survey Open-File Report 2008–1153. 79 p.
- U.S. Geological Survey. 2010. USGS/GCMRC Biology Program Updates TWG meeting 29 June 2010.
- Valdez, R.A. 1994. Effects of interim flows from Glen Canyon Dam on the aquatic resources of the lower Colorado River from Diamond Creek to Lake Mead : Phase I, final report to Glen Canyon Environmental Studies from Bio/West, Inc., Logan, UT.
- Valdez, R. A. 1996. Synopsis of the razorback sucker in Grand Canyon. Paper presented at the Razorback Sucker Workshop, January 11–12, 1996, Laughlin, Nevada. Sponsored by Bureau of Reclamation, Glen Canyon Environmental Studies, Flagstaff, Arizona.
- Valdez, R.A., P.B. Holden, and T.B. Hardy. 1990. Habitat suitability index curves for humpback chub of the upper Colorado basin. Rivers 1:31-42.
- Valdez R.A. and S.W. Carothers, 1998. The Aquatic Ecosystem of the Colorado River in Grand Canyon. Grand Canyon Data Integration Project Synthesis Report. Bureau of Reclamation, Salt Lake City, Utah, July 1998.
- Valdez, R. A. and W. C. Leibfried. 1999. Captures of striped bass in the Colorado River in Grand Canyon, Arizona. Southwestern Naturalist 44:388–392.
- Valdez, R. A., and W. J. Masslich. 1999. Evidence of reproduction by humpback chub in a warm spring of the Colorado River in Grand Canyon, Arizona. Southwestern Naturalist 44(3):384-387.
- Valdez, R. A., and R. J. Ryel. 1995. Life history and ecology of the humpback chub (*Gila cypha*), in the Colorado River, Grand Canyon, Arizona: final report. [online] <u>http://www.gcmrc.gov/library/reports/biological/Fish\_studies/gces/valdez1995f.pdf</u>.
- Van Haverbeke, D.R. and D.M. Stone. 2008. Stock Assessment and Fisheries Monitoring Activities in the Little Colorado River within Grand Canyon during 2007. Annual Report to U.S. Geological Survey, Grand Canyon Monitoring and Research Center, Flagstaff, Arizona. Interagency Acquisition No. 01-3022-R1009. U.S. Fish and Wildlife Service Document No. USFWS-AZNFWCO-FL-08-002.
- Van Haverbeke, D.R. and D.M. Stone. 2009. Stock Assessment and Fisheries Monitoring Activities in the Little Colorado River within Grand Canyon during 2008. Annual Report to U.S. Geological Survey, Grand Canyon Monitoring and Research Center,

Flagstaff, AZ. Interagency Acquisition No. 01-3022-R1009. U.S. Fish and Wildlife Service Document No. USFWS-AZFWCO-FL-09-004.

- Ward, D.L. and S.A. Bonar. 2003. Effects of cold water on susceptibility of age-0 flannelmouth sucker predation by rainbow trout. Southwestern Naturalist 48:43-46.
- Webb, R.H., J.C. Schmidt, G.R. Marzolf, and R.A. Valdez (eds.). 1999. The Controlled Flood in Grand Canyon. Geophysical Monograph 110. American Geophysical Union, San Francisco, California.
- Welsh, Michael P., Richard C. Bishop, Marcia L. Phillips, and Robert M. Baumgartner. 1995. Glen Canyon Dam, Colorado River Storage Project, Arizona—Non-Use Values Final Study Summary Report. Madison, Wisconsin: Hagler Bailly Consulting, Inc., September 8, 1995, pp. 37. Springfield, Virginia: National Technical Information Service, NTIS No. PB98-106636.
- Wiele, S.M., J.B. Graf, and J.D. Smith. 1996. Sand deposition in the Colorado River in the Grand Canyon from flooding of the Little Colorado River: Water Resources Research, v. 32, no. 12, p. 3579-3596, doi:10.1029/96WR02842. (Also available at http://www.agu.org/journals/wr/v032/i012/96WR02842/96WR02842.pdf.).
- Wiele, S. M., E. D. Andrews, and E. R. Griffin. 1999. Effect of sand concentration on depositional rate, magnitude, and location, in The Controlled Flood in Grand Canyon, Geophysical Monograph Series, vol. 110, edited by R. H. Webb et al., pp. 131–145, AGU, Washington, D. C.
- Weidel, B.C., D.C. Josephson, and C.E. Kraft. 2002. Fish community response to removal of introduced smallmouth bass in an oligotrophic Adirondack lake. Department of Natural Resources, Cornell University, Ithaca. N.Y.
- Wright, S.A., and T.A. Kennedy. 2011. Science-based strategies for future high flow experiments at Glen Canyon Dam, in Melis, T.S., ed., Effects of three high-flow experiments on the Colorado River ecosystem downstream from Glen Canyon Dam, Arizona: U.S. Geological Survey Circular 1366.
- Yard, M.D., L.G. Coggins, and C.V. Baxter. 2008. Foraging ecology of non-native trout in the Colorado River, Grand Canyon: predation on native fishes and the effects of turbidity. U.S Geological Survey, Powerpoint presentation to the Glen Canyon Dam Adaptive Management Program, Technical Work Group, June 16-17, 2008.
- Yard, M.D., L.G. Coggins, C.V. Baxter, G.E. Bennett, and J. Korman. 2011. Trout piscivory in the Colorado River, Grand Canyon: effects of turbidity, temperature, and fish prey availability. Transactions of the American Fisheries Society 140: 471-486.